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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

Attorney Docket No. LEX-0246-USA

First Inventor Abuin et al.

Title Novel Murine Polynucleotide Sequences and Mutant Cells and
Mutant Animals Defined Thereby

Express Mail Label No. EL864125447 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application

- 1 Fee Transmittal Form (e.g., PTO/SB/17)
- 2 Applicant claims small entity status.
See 37 CFR 1.27.
- 3 Specification [Total Pages (preferred arrangement set forth below)] 88
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the disclosure

- 4 Drawing(s)(35 U.S.C. 113) Total Sheets 1
5. Oath or Declaration Total Pages 2
- a. Unexecuted (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
- i. **DELETION OF INVENTOR(S)**
signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- 6 Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202317. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. diskette; orii. paper(270 pages)c. Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney unexecuted
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: /

Group Art Unit: _____

Prior application information:

Examiner _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

(Insert Customer No. or Attach bar code label here)

PATENT TRADEMARK OFFICE

Name			
Address			
City	State	Zip	
Country	Telephone	Fax	

Name (Print/Type) Lance K. Ishimoto Registration No. (Attorney/Agent) 41866

Signature

Date September 26, 2001

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	To Be Assigned
Filing Date	September 26, 2001
First Named Inventor	Abuin et al.
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	LEX-0246-USA

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																					
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number 50-0892</p> <p>Deposit Account Name Lexicon Genetics Incorporated</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td></td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td></td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td></td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td></td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td></td><td>195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td></td><td>445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td></td><td>695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td></td><td>945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td></td><td>155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td></td><td>155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td></td><td>135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td></td><td>55 Petition to revive - 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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Lance K. Ishimoto	Registration No. (Attorney/Agent)	41866	Telephone (281) 863-3333
Signature			Date	September 26, 2001

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**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor		Abuin et al.
Title	Novel Murine Polynucleotide Sequences and Mutant Cells and Mutant Animals Defined Thereby	
Atty Docket Number	LEX-0246-USA	

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

September 26, 2001

Date

Signature

Lance K. Ishimoto

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Abuin *et al.*

U.S. Ser. No.: to be assigned

Attorney Docket No.: LEX-0246-USA

Filing Date: September 26, 2001

For: Novel Murine Polynucleotide Sequences
and mutant Cells and Mutant Animals
Defined Thereby

VERIFIED STATEMENT

BOX PATENT APPLICATION
Asst. Commission for Patents
Washington, D.C. 20231

Sir:

I, DRENDA D. THOMAS, do declare and state as follows:

1. I prepared a Sequence Listing in paper and computer readable form in connection with the above-captioned patent application, both of which are being submitted herewith.
2. I hereby state that the contents of the paper and computer readable copies of the Sequence Listing being submitted herewith are the same.

Signed,



Drenda D. Thomas

September 26, 2001

Date